



## ATTORNEY DOCKET NO. 04156.0024U1 PATENT

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)
SANDIG et al.	) Art Unit: 1645
Application No. 10/578,043	) Examiner: Unassigned
Filing Date: November 3, 2004	) Confirmation No. 5415
For: IMMORTALIZED AVIAN CELL LINES FOR VIRUS PRODUCTION	)

#### **INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C. Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Information Disclosure Statement List is a listing of documents known to Applicants and/or their attorneys. In accordance with 37 C.F.R. §1.98(a)(2), copies of any cited U.S. patent or U.S. patent application publication documents are not enclosed. Copies of any cited foreign patent document and/or any non-patent publication are enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants.

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### ATTORNEY DOCKET NO. 04156.0024U1 **Application No. 10/578,043**

Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

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#### **CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

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Sheet 1 of 3

# INFORMATION DISCLOSURE STATEMENT LIST

(Use as many sheets as necessary)

_	Comp	lete if Known	
	Application Number	10/578,043	
	Filing Date	11/03/2004	
	First Named Inventor	Sandig, Volker	
	Group Art Unit	1645	
	Examiner Name	Unassigned	

				Croup rat Orac			
				Examiner Name		Unassigned	
			U.S. PA	ATENT DOCUMENTS	S		
Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
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	A2	5,830,723	11/03/1998	Foster et al.			
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	A4	6,207,415	03/27/2001	Foster et al.			
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			FOREIGN	PATENT DOCUMEN	NTS		
Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number- Kind Code	Date	Name			Translation Yes/No
	A6	WO 97/08307	03-06-1997	IL Dong Pharmace	utical Co., L	td.	
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Examiner	Signature:

Date Considered:

**EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Attorney Docket No: 04156.0024U1 Application No.: 10/578,043 Sheet 2 of 3

		Comple	te if Known
INFORMA	ATION DISCLOSURE	Application Number	10/578,043
ll .	TEMENT LIST	Filing Date	11/03/2004
		First Named Inventor	Sandig, Volker
(Use as	many sheets as necessary)	Group Art Unit	1645
		Examiner Name	Unassigned
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conformance and not considered. Include copy of this form with next communication to applicant.			

Attorney Docket No: 04156.0024U1 Application No.: 10/578,043 Sheet 3 of 3

#### Complete if Known Application Number 10/578,043 INFORMATION DISCLOSURE 11/03/2004 Filing Date STATEMENT LIST First Named Inventor Sandig, Volker (Use as many sheets as necessary) 1645 Group Art Unit **Examiner Name** Unassigned A39 Munoz, N. et al., Epidemiologic classification of human papillomavirus types associated with cervical cancer. N. Engi., J. Med. 34816): 518-27 (2003) A40 Pasteau S, Loiseau L, Brun G. Proliferation of chicken neuroretina cells induced by v-src, in vitro, depends on activation of the E2F transcription factor. Oncogene. 1997 Jul 3;15(1):17-28. A41 Pau, M. G. et al., The human cell line PER.C6 provides a new manufacturing system for the production of influenza vaccines. Vaccine 19: 2716-21 (2001) A42 Pay, T. W. et al., Production of rabies vaccine by an industrial scale BHK 21 suspension cell culture process. Dev. Biol. Stand 60: 171-4 (1985) A43 Pereira-Smith, Hybrids from fusion of normal human T lymphocytes with immortal human cells exhibit limited life span. J. Cell Physio. 144: 546-9 (1990) A44 Putzer, B. M. et al., E1A is sufficient by itself to induce apoptosis independent of p53 and other adenoviral gene products. Cell Death Differ. 7: 177-88 (2000) A45 Rocchi, G., Salvadori, A. Experience with vaccination with attenuated rubella vaccine (strain HPV-77 adapted to duck cells, 5th passage) Nuovi Ann. Ig Microbiol. 21: 336-40 (1970) A46 Ronfort, C. et a)., Defective retroviral endogenous RNA is efficiently transmitted by infectious particles produced on an avian retroviral vector packaging cell line. Virology 207: 271-5 (1995) A47 Shahabuddin, M. et al., No evidence of infectious retroviruses in measles virus vaccines produced in chicken embryo cell cultures. Clin. Microbiol. 39: 675-84 (2001) A48 Shaw et al. Preferential transformation of human neuronal cells by human adenoviruses and the origin of HEK 293 cells. Faseb J 16 (8): 869-71 (2002) A49 Smith et al., Replicative senescence: implications for in vivo aging and tumor suppression. Science 273: 63-67 (1996) A50 Smith, L. M. et al., Novel endogenous retroviral sequences in the chicken genome closely related to HPRS-103 (subgroup J) avian leukosis virus. J. Gen. Virol. 80 (ptl): 261-8 (1999) A51 Tree, J. A. et al., Comparison of large-scale mammalian cell culture systems with egg culture for the production of influenza virus A vaccine strains. Vaccine 19: 3444-50 (2001) A52 Tsang, S. X. et al., Evidence of avian leukosis virus subgroup E and endogenous avian virus in measles and mumps vaccines derived from chicken cells: investigation of transmission to vaccine recipients. J. Virol. 73: 5843-51 (1999) A53 Ulrich E, Boehmelt G, Bird A, Beug H. Immortalization of conditionally transformed chicken cells: loss of normal p53 expression is an early step that is independent of cell transformation. Genes Dev. 1992 May;6(5):876-87. A54 Wazer DE, Liu XL, Chu Q, Gao Q, Band V. Immortalization of distinct human mammary epithelial cell types by human papilloma virus 16 E6 or E7. Proc Natl Acad Sci U S A. 1995 Apr 25;92(9):3687-91. A55 Weekly Epidemiological Record of the WHO (73) 28 (1998) A56 Williams BO, Remington L, Albert DM, Mukai S, Bronson RT, Jacks T. Cooperative tumorigenic effects of germline mutations in Rb and p53. Nat Genet. 1994 Aug;7(4):480-4. A57 Witter, R. L., Induction of strong protection by vaccination with partially attenuated serotype 1 Marek's disease viruses. Avian Dis. 46: 925-37 (2002)

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